



CRANE REPORT

Current Industry Information for the Northeast Crane Owner

Link-Belt Unveils New 8'6"

Wide 90 Ton Truck Crane

It has finally arrived. The new *HTC8690* truck crane is currently being introduced to customers and will begin shipping this summer. Early reviews, by plant visitors, have indicated that this machine will follow the *HTC8670* and become the industry standard. Customers who have demonstrated the machine have praised many key features including:

- ♦ 140' latching main boom with full load telescoping capabilities.
- ♦ 58' bi-fold fly with 4 offset positions up to 45 Degrees.
- ♦ Two additional 16' inserts offering maximum tip height of 237'.
- ♦ Higher line speeds and higher line pull than some competitors by 15%.
- ♦ True free swing for steel erection and easy load centering
- ♦ ZF Astronic Automated Transmission with Automatic Pump Disconnect.
- ♦ Detroit Diesel 12.7 Liter Series 60 445 HP Power Plant
- ♦ Standard front and rear air ride suspension.
- ♦ Best load chart in its class.

- ♦ 8'6" wide Link-Belt dedicated design 90 ton carrier
- ♦ A re-designed upper cab with improved visibility, layout and room.
- ♦ Link-Belt's bullet proof pilot operated hydraulic controls system
- ♦ Outrigger controls in the upper cab

The *HTC8690* will begin shipping in July with limited quantities available for 2004 deliveries. Link-Belt dealers have already been put on allocation for delivery slots. For more information on Link-Belt's next market leader, please contact your local CRW Crane Sales Specialist.



WHAT'S NEW FROM THE MANUFACTURERS

Why is the ZF Astronic Transmission Taking the Crane World by Storm?

Have you heard of the ZF Astronic? If you haven't yet, you will soon. The Astronic is quickly becoming the preferred transmissions for both All Terrain and Hydraulic Truck Crane manufacturers. The Astronic offers the best of both manual and automatic transmissions. Technically, the Astronic is an electronic shifting, manual transmission. There is no clutch pedal. Historically, the detriments of a true automatic transmission for mobile cranes has been that to get the number of speeds required for on and off road travel you needed to have an auxiliary transmission which adds cost and weight. The Astronic 12 and 16 speed transmissions eliminate the need for torque converters, auxiliary transmission and transmission oil coolers. The ZF electronic shifting offers both an automatic and semi-automatic shifting mode giving operators the flexibility they need to get to the jobsite safely and efficiently. Other direct benefits include:

- Better Fuel Economy
- Longer Clutch Wear
- Increased Operator Comfort
- Self Diagnostics and Clutch Wear Indicators
- Lower Operating Weight
- Automatic Pump Disengagement

Which machines are now offering the most advanced transmissions on the market?

How about the following:

Link-Belt HTC8650-II, HTC8690, Demag AC110, AC160 and AC200. Liebherr LTM 1090/3, LTM1100/2, Tadano Faun ATF45-3, ATF60-3/4, ATF80-4 to name a few. Look for more manufacturers to follow. Is this transmission new? Actually more than 50,000 have been made since 1997.



Industry Leading LS-138 and LS-218 Cranes Upgraded to HYLAB 5 Series

Link-Belt has upgraded the industry leading LS-138H II and LS-218H II crawler cranes and retagged them the 138 HYLAB 5 and 218 HYLAB 5, respectively. Both of these job proven cranes will share H5 improvements such as: larger operator's cab, new Tier II-compliant engines, new SML-10 load moment system and remote oil coolers.

The cab width on the industry leading 138 HYLAB 5 has grown by 6 inches while the machine has retained its great transportability capabilities.



Both cranes will feature the new SML-10 load moment system which incorporates the very latest Sumitomo/Link-Belt design, displaying load-on-hook, as well as maximum allowable load-on-hook, boom length, boom angle, tip height, and

audible warning. In addition, the SML-10 features a function kick out for both overload and anti-two block occurrences. This load moment system utilizes load sensing in the boom hoist dead end to feed data to the load limiter computer.

While the aesthetics have also been slightly updated, the 138 H5 and 218 H5 carry the same solid attachment and lift capacities as previous models.

National Crane Introduces New 500E 18 Ton Machine



The heat has just been turned up a notch on the single axle boom truck market. National Cranes very successful 500 series boom truck has just had a major face-lift. The new 500E has been upgraded to an 18-ton capacity with improvements throughout the main boom capacity charts. The new 500E will offer the following features:

- 71' or 60' three-section main boom
- 41' telescopic jib
- Ultra Smooth Piston Pump on demand hydraulic system
- 20' Unibody bed/sub frame
- Outstanding main boom capacities with the ability to lift 1,650 pounds at a 65' load radius.
- Internal Anti-Two Block wire
- Quick Reeve Boom Tip
- Standard Burst-of-Speed Winch
- Self-Lubricating "Easy Glide" wear pads.

The new National 500E will be one of the largest telescopic cranes you can mount on a single- axle chassis under 33,000gvw while offering the longest main boom in its class. For more information, please contact your local CRW Crane Specialist.

Used Equipment Inventory (for photos go to www.woodscrw.com)

(Below is a current list of used cranes & accessories that CRW has for sale. If you are in the market for a used machine that you do not see here, please call us at 802-658-1700. Our inventory of incoming trade-ins changes weekly.)

Boom Trucks:

1996 Terex Stinger 3474 17 ton , cab protector, Ford L8000 \$75,000
 1995 National 990C 23 Ton, Ford Lt9000 3306C Cat Dsl. \$79,500
 1995 Terex Stinger 3874 19 ton , Ford L8000, 44,000 rears \$69,500
 1988 Manitex 1161, 11 ton, 61'+40', Ford Tandem, \$29,500
 2002 National 685D, 18 ton, 85'+45', Sterling 300HP, Cat, SFO, \$127,000

Hydraulic Truck Cranes:

2001 Link-Belt HTC8670LB 70 ton \$399,000.
 1994 P&H CNT650 126'+60', 2w, \$POR
 1983 P&H T650 66 Ton 104'+32' LMI \$99,500.
 1982 Link-Belt HTC1040 40/50 ton \$99,500.
 1993 Grove TMS250C 35 Ton 80'+54', 2w, PAT LMI \$POR
 1986 Grove TMS528B 28 Ton, 70'+54' \$49,500.
 1996 P&H CNT650 126'+60', 2W, POR

Lattice Boom:

1997 Manitowoc 222B 100 ton \$379,000
 2001 Link-Belt LS138H-II 80 ton \$POR
 2002 American HC110 110 Ton \$POR
 1980 P&H 5100 100 ton \$199,000
 1981 P&H 5060 60 Ton Crawler Crane \$99,500

Rough Terrain Cranes:

1999 Terex RT450 50 Ton \$189,000
 1993 Link-Belt HSP8050 50 Ton 110'+33' \$149,000
 1995 Link-Belt HSP8050, 50 Ton 110'+33' \$159,000
 1990 Grove RT528C, 70'+25' New LMI \$69,000
 1975 Grove RT65S 35 Ton ,104', Cat 3208, aux winch \$POR
 1999 Terex CD225 25 Ton Cab Down, 900hrs \$109,000.

All-Terrain:

1986 P&H S35 35 Ton 85' \$59,500.
 1989 Grove AT422, 22 Ton, 70'+43' Cummins \$POR.
 1997 Link-Belt ATC-822,70'+43', 3,000 lb CTWT, 17.5 Rubber, POR
 1992 Krupp KMK 4070, 115'+56' \$129,500

Aerial Work Platforms:

1996 Mark Lift CH60C stk 2631 4 WD, Recent paint, Dual Fuel \$27,000.
 1996 Mark Lift CH60C stk 2701 4WD, 8' Basket, Dsl., 1,712 hrs \$28,000.

(All used inventory subject to prior sale)

New Machines on Order or in Stock

National 571E 18 Ton
 National 685D 18 ton
 National 9103A 26 Ton Rear Mount
 National 14127 33 ton
 Demag AC40 45 Ton City Class
 Demag AC110 120 Ton
 Terex T340XL 40 Ton

Link-Belt RTC8030-II 30 Ton
 Link-Belt RTC8040-II 40 Ton
 Link-Belt HTC8650-II 50 Ton
 Link-Belt HTC8690 90 Ton
 Link-Belt LS308H-II 110 ton
 Shuttlelift 3330 FL 10 ton



Wood's C.R.W. Corp. is a family owned business that has specialized in new and used mobile crane sales, offering service and support in **New England** since 1961. Manufacturers represented by C.R.W. include **Link-Belt, Demag, Terex Cranes, ShuttleLift Industrial Cranes, National and Terex Stinger Boom Trucks and National Articulating Cranes.** C.R.W. Corp. has offices in Vermont, Massachusetts, New Hampshire and sales offices in Connecticut and Syracuse, New York.

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Subscriptions are free and may be obtained by contacting Sandy Sprague at 802-658-1700, ext. 1313.

CRW Company News

New Branch to be opened in Central New York

CRW will be opening a branch location in the Syracuse New York area to better service our customer base in Central and Western New York. The branch location should be up and running with limited service by the end of July. As part of our expansion, we have added several new rough terrain cranes to the rental fleet including a new Link-Belt RTC8040-II and RTC8030-II.

New Service Manager Joins Massachusetts Branch

Joe Baccari has joined the CRW Service team in southern New England as Service Manager. Joe has been in the Construction Equipment Industry for over 35 years. Most recently he was service manager at Eastern Equipment in South Easton Massachusetts.

Used Crawler Crane RPO Special:

For a limited time, CRW is offering **100% applied rentals** towards purchase of select used Lattice Boom Crawler Cranes. Purchase options must be exercised within the first four months of the rental term. Please contact your local crane sales specialist for more details.

CRW Delivers New 100 Ton Demag to Western MA Crane Service

Deerfield Valley Crane Service recently took delivery of a new Demag AC80-2 100 Ton All Terrain. The AC80-2 offers 164' full power boom plus a 57' extension while offering a total overall length of only 39'9".

Wood's CRW is
an authorized dealer for:

Link-Belt
CONSTRUCTION EQUIPMENT

SHUTTLELIFT

DEMAG
Mobile Cranes

VOLVO

TEREX

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**Measure
the difference.**

Link-Belt Metri-pak
wire connections
keep your machine
up and running.

Nothing is more frustrating than having a machine down due to electrical problems. Chasing wiring can take endless hours and cost crane rental companies and contractors big money while their machine is stuck with the boom up in the air or on the roadside. In order to reduce electrical problems, Link-Belt Construction Equipment Co. goes the extra mile to keep your machine up and running. All Link-Belt Rough Terrain and Truck Cranes have an electrical system that is 12-volt start and 12 volt run vs. a 24/24 or 12/24 start/run by many competitors. Additionally, all Link-Belt Hydraulic Cranes are built with **Metri-pak** wire connectors, which provide a positive, moisture proof connection throughout the electrical system. All relays are sealed, and all **wires are color coded and numbered every 6 inches** for easy identification. Special loomed covers that are chemical and ultra-violet ray resistant protect the wiring of the crane against damage.

Link-Belt
Preferred

Have you signed
up for *Link-Belt
Preferred*
Website Access?

Did you know that if you are a registered Link-Belt Crane Owner you can have access to specific information for your Link-Belt crane On-Line. As a registered *Link-Belt Preferred* user you can have online access to:

- **eManuals** that include: parts, shop and operator manuals for over 230 models.
- **Dynamic Ground Bearing Pressure Calculator** for your machine. This feature offers a 360-degree visual and numerical display for your Link-Belt and the effects of changing loads, slewing, boom angle and length.
- Access to **Archived Sales Literature** and specification sheets on 150 non-current Link-Belt Cranes. This information includes shipping dimensions and weights.

To register for the Link-Belt Preferred contact Francois Ducharme @ 802-658-1700 Ext. 1323 with your company name, machine model and serial number.

Link-Belt Preferred, Measure the Difference.



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